



IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Steven W. TROVINGER

Confirmation No.: 4989

Application No.: 10/084,462

Examiner: Mark T. Henderson

Filing Date: Feb. 28, 2002

Group Art Unit: 3722

Title: PIVOTABLE COLLECTING DEVICE

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ( ) under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- (X) under 37 CFR 1.97 (c) together with either a:
  - ( ) Statement under 37 CFR 1.97(e), or
  - (X) a \$180.00 fee under 37 CFR 1.17(p), or  
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ( ) under 37 CFR 1.97 (d) together with a:
  - ( ) Statement under 37 CFR 1.97(e)(1) or (2), and
  - ( ) a \$180.00 fee set forth in 37 CFR 1.17(p).  
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account 08-2025 the sum of \$180.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25.

(X) Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

( ) A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

Date: 26 April 2004

Respectfully submitted,

Steven W. TROVINGER

By

Patrick C. Keane

Attorney/Agent for Applicant(s)

Reg. No. 32,858

I hereby certify that this document is being filed by personal delivery to the Customer Service Window, Crystal Plaza 2, 2011 South Clark Place, Arlington Virginia, of the United States Patent & Trademark Office on the date indicated above.

By: (Attorney Signature and Reg. No.)

Date: April 26, 2004

Telephone No.: (703) 836-6620



## PATENT APPLICATION

Sheet 1 of 2

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

10015154-1

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GROUP

3722

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A	4,053,150	Oct. 11, 1997	Lane	
	1B	4,891,681	Jan. 2, 1990	Fiske et al.	
	1C	5,087,163	Feb. 11, 1992	Erdbories et al.	
	1D	5,346,350	Sep. 13, 1994	Luhman et al.	
	1E	5,452,920	Sep. 26, 1995	Parker	
	1F	5,465,213	Nov. 7, 1995	Ross	
	1G	6,193,458 B1	Feb. 27, 2001	Marsh	
	1H	6,363,851 B1	Apr. 2, 2002	Gerhard et al.	
	1I	2003/0069117	Apr. 10, 2003	Trovinger et al.	
	1J	2003/0069118	Apr. 10, 2003	Trovinger et al.	
	1K	2003/0069119	Apr. 10, 2003	Trovinger et al.	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L					
	1M					
	1N					
	1O					
	1P					

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	1Q	
	1R	
	1S	

EXAMINER

DATE CONSIDERED

**PATENT APPLICATION**

Sheet 2 of 2

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**REFERENCE DESIGNATION****U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	2A	6,550,756 B2	Apr. 22, 2003	Trovinger	
	2B	6,554,267 B2	Apr. 29, 2003	Trovinger	
	2C	2003/0161704	Aug. 28, 2003	Trovinger	
	2D	2003/0162644	Aug. 28, 2003	Trovinger	
	2E	6,673,002 B2	Jan. 6, 2004	Trovinger et al.	
	2F	2004/0048728	Mar. 11, 2004	Trovinger et al.	
	2G				
	2H				
	2I				
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	2R	
	2S	

EXAMINER

DATE CONSIDERED